IN THE DRAWINGS:

The attached sheets of drawings include changes to FIGS. 10 and 11. These sheets replace the original sheets including FIGS. 10 and 11.

Specifically, FIG. 10 has been revised to change the label within the portion identified by reference numeral --178-- from "Dead Space CO2" to --Deadspace CO2--; and FIG. 11 has been revised to change the last phrase of the equation identified by reference numeral --206-- from "ΔetCO₂/Pbar" to -- ΔPetCO₂/Pbar--, to change "etCO₂" to --PetCO₂-- in the first line of the phrase identified by reference numeral --210--, and to change "pCO₂" to --PCO₂-- in the first line of the phrases identified by reference numerals --212-- and --214--. No new matter has been added.

REMARKS

This amendment corrects errors in the text and drawings. Entry is respectfully solicited.

This amendment is submitted prior to or concurrently with the payment of the issue fee and, therefore, no petition or fee is required. No new matter has been added.

Respectfully submitted,

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Date: July 5, 2005

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Enclosures: Replacement Sheets

Annotated Sheets Showing Changes

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10/12

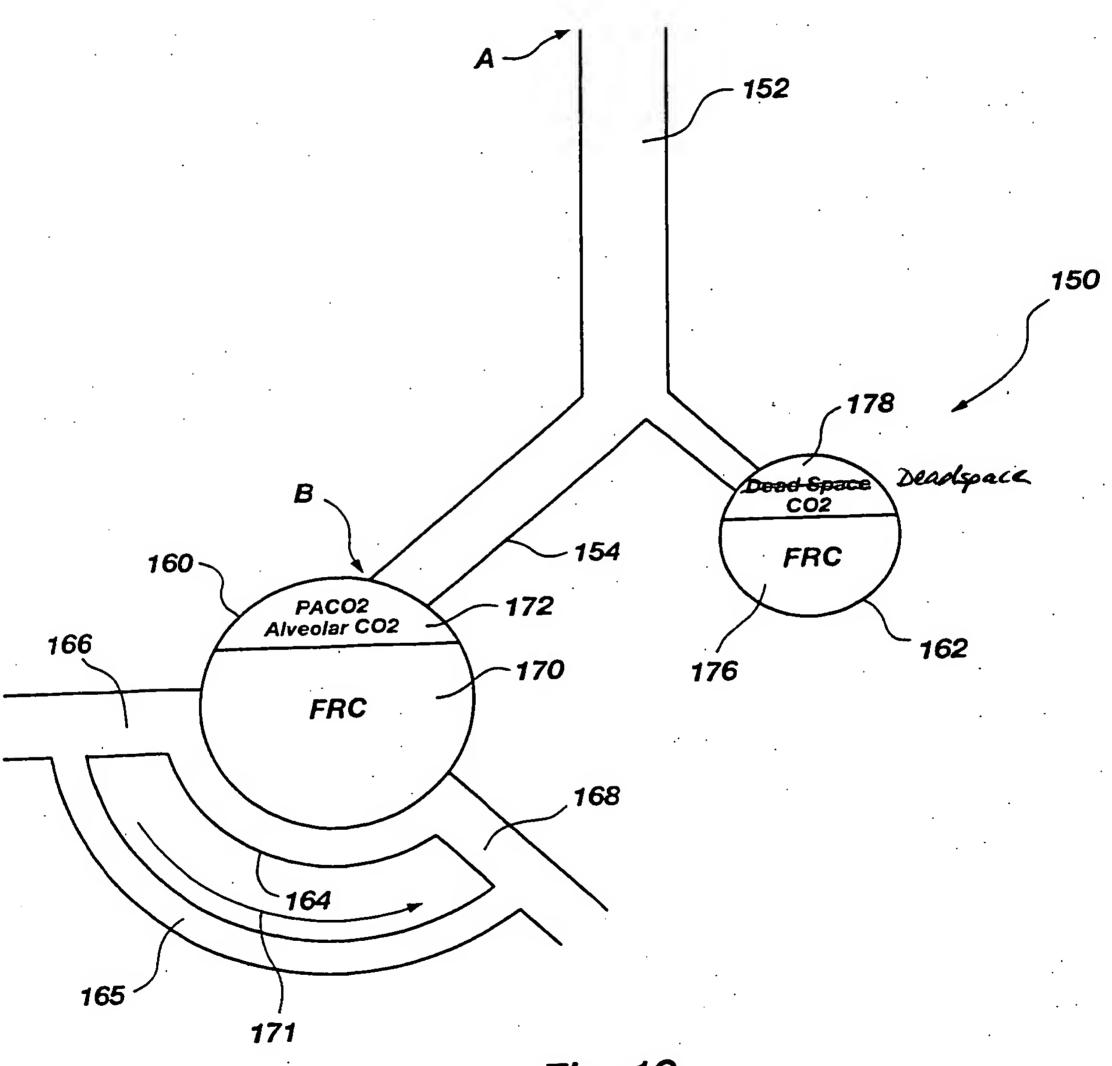


Fig. 10

Serial No. 10/657,577; Filed 9/08/2003
Amendment Pursuant to 37 C.F.R. §1.312(a)
Reply to Notice of Allowance and Fee(s) Due of 04/05/05
ANNOTATED SHEET SHOWING CHANGES

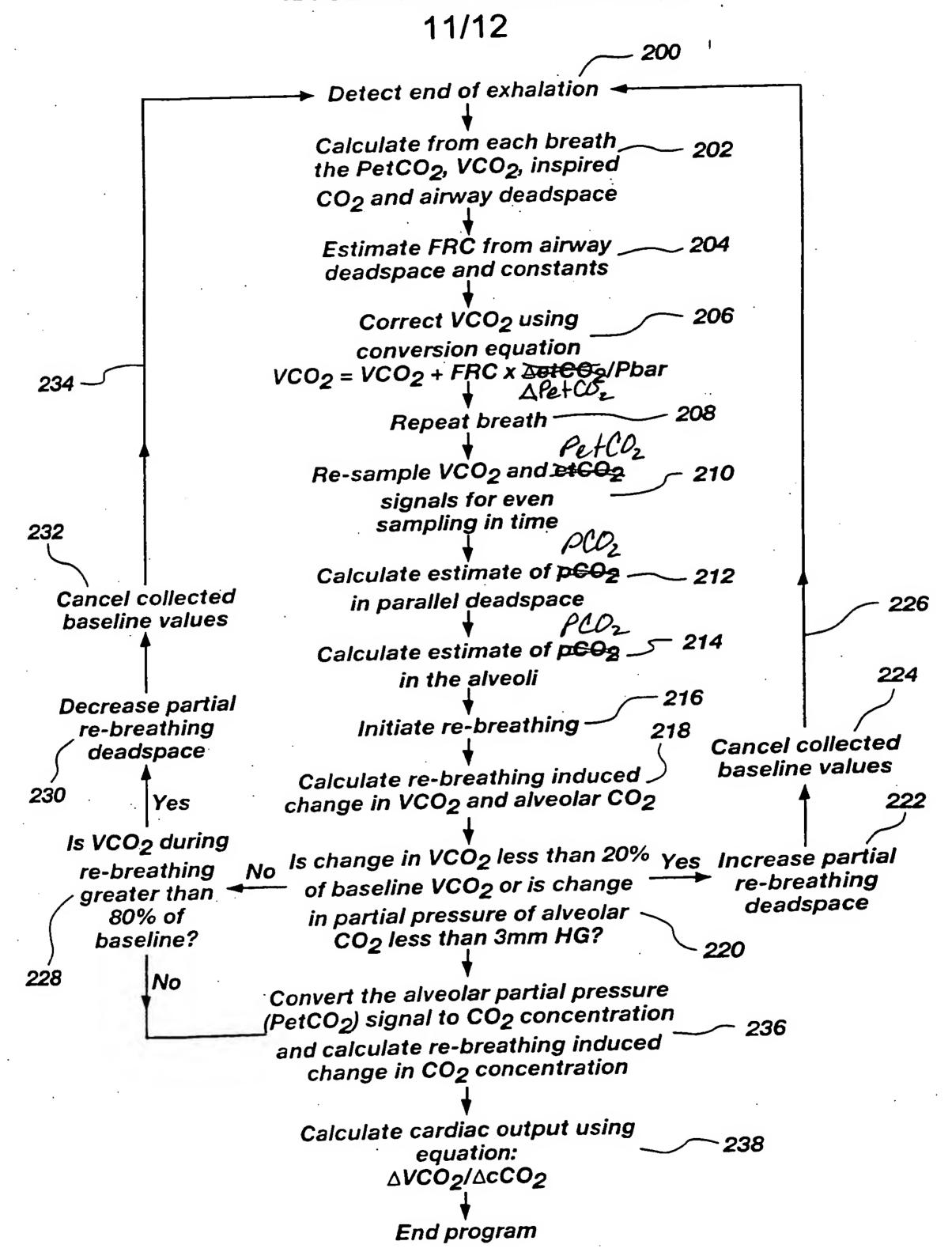


Fig. 11